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ROZA, S. A.

Soils (Engineering)

Peculiarities of compacting one variety of sandy moraine soil. Gidr. stroi. 21, No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZA, S.A., doktor tekhn.nauk

Initial pressure head gradient in the seepage of water through concrete. Gidr.stroi. 31 no.6:40-41 Je '61. (MIRA 14:6)
(Hydraulics)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

1. ROZA, S. A.; POPOV, B. P.; PRIKLONSKIY, V. A.

2. USSR (600)

4. Soil Mechanics

7. Soil mechanics. N. A. TSytovich. Reviewed by V. A. Priklonskiy, S. A. Roza, B. P. Popov. Izv. AN SSSR. Otd. tekh. nauk. No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZA, S. A.

Peat

Installation of water conduit and sewerage systems in peat. Stroi. prom. 30 no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZA, S. A.

Sanitary Engineering

Installation of water conduit and sewerage systems in peat. Stroi. prom. 30 no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZAC, Marijan

Organization and achievements of the Trade Union of Poper. PTT zbor 16 no.6:166-167 Je '62.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZACI, O.

Distr: 4E2c(j) 15

Polarographic determination of rubber accelerators. O. Rozsaci (Inst. Gummitechnol., Gottwaldov, Czech.). *Plaste u. Kautschuk* 6, 330–9(1959).—Accelerators of the thiazole, thiuram, and dithiocarbamate types were detd. A new polarographic cell was constructed and used for the detns. at const. temps. of 2-mercaptobenzothiazole, dibenzothiazolyl disulfide, *N*-cyclohexyl-2-benzothiazolesulfenamide, 2,4-dinitrophenylthiobenzothiazole plus diphenylguanidine, and tetramethylthiuram disulfide. These were best detd. by using *N* H_2SO_4 in MeOH as electrolyte with a concn. of 50–1000 mg. compd./l. solvent. Zn diethyldithiocarbamate and Zn phenylethyldithiocarbamate were best detd. in 0.1*N* NaOH in MeOH buffered to pH 11 with borate. For detn. in rubber, 1 g. finely-cut sample was extd. for 8 hrs. with Me_2CO or $Cl_2C_2H_4$, the solvent evapd., the residue dissolved in pyridine, and the detn. carried out as above. Impurities in and reaction products of accelerators can be detd. in this manner.

Roland E. Kreilick

C9A

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and their Applications. Caoutchouc, Natural & Synthetic. Rubber. H

Abs Jour : R Zh Khim., No 12, 1959, No 44329

Author : Rozaci, O
Inst : Not given
Title : Polarographic Determination of Free Sulfur in Rubber and in Chemicals of Rubber Mixtures.

Orig Pub : Chem. prumysl, 1958, 8, No 7, 385-387

Abstract : For greater accuracy in determining free S in an acetone extract of rubber (according to Proske and others), the use is suggested of a composition of 5 ml pyridine S solution, 10 ml 0.3 M solution of NH_4 acetate in glacial drops of a 1 percent genatin solution of acetic acid. - M. Lur'e

Card : 1/1

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZAEANU, L.; PRECTESCU, C.

Classification of motor lubricants according to viscosity, p. 401

Academia Republicii Populare Romine. Institutul de Mecanica Aplicata.

STUDII SI CERCETARI DE MECANICA APLICATA. Bucuresti. Vol. 6, no. 3/4,

July/Dec. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ISKENDEROV, Akhmed Akhmedovich; KISELEV, Vladimir Ivanovich; ROZALIYEV, Yuriy Nikolayevich; DAVYDOVA, Yu.F., red.; ATROSHCHENKO, L.Ye., tekhn. red.

[Labor movement in Asia and Africa] Rabochee dvizhenie v Azii i Afrike. Moskva, Izd-vo "Znanie," 1963. 32 p. (Novoe v zhizni, nauke, tekhnike. 1 Seriia: Istoriia, no.18) (MIRA 16:11)

(Asia--Labor and laboring classes)
(Africa--Labor and laboring classes)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

BINIECKI, Stanislaw; IZDEBSKI, Jozef; ROZALSKA, Irma

Synthesis of some β-diethylaminoethylamino- and of some carbethoxyamino derivatives of isoquinoline. Acta pol. pharm. 19 no.5:437-441 '62.

1. Z Zakladu Nowych Lekow Instytutu Lekow w Warszawie.
(QUINOLINES) (CHEMISTRY, PHARMACEUTICAL)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

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[redacted], M., inż.

Y-type ferrite circulators on a band line. Przegl telekom 37 no.3:93-95 Mr '65.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

CHETAYEV, Nikolay Gur'yevich; ROZAL'SKAYA, N.I., red.

[Stability of motion] Ustoichivost' dvizheniia. izd.3. Moskva, Nauka, 1965. 207 p. (MIRA 18:12)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

VORONKOV, Ivan Mikhaylovich; ROZAL'SKAYA, N.I., red.

[Course in theoretical mechanics] Kurs teoreticheskoi mekhaniki. Izd.11. Moskva, Nauka, 1964. 596 p. (MIRA 19:1)

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ROZALSKI,Julian,inz.,arch

The humidity of external walls in buildings from light stones and evaluation of the existant method of investigating the frost resistance of stones. Biul inform inst techn bud no.9:5-20 '61

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ROZAL'YEV, G.A.

ZMK-500 rotary bucket excavator. Gor.zhur. no.6:54 Je '60.
(MIRA 13:6)

1. Glavnyy inzhener Zuyevskogo liteyno-mekhanicheskogo zavoda.
(Excavating machinery)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

MOISEYEV, P.; ROZALIYEV, Yu.

"Turkey; economics and foreign trade" by V.P. Smirnov. Reviewed by P. Moiseev and IU. Rozaliev. Vnesh. torg. 27 no.2:37-38 '57.
(Turkey--Economic conditions) (Turkey--Commerce) (MLRA 10:4)
(Smirnov, V.P.)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZALIYEV, Yuriy Nikolayevich; MOISEYEV, P.P., redaktor; FRIDMAN, L.A., redaktor; MARKUNI, Ye.V., tekhnicheskiy redaktor.

[Situation of the industrial proletariat in Turkey after the Second World War] Ocherki polozheniia promyshlennogo proletariata Turtsii posle Vtoroi Mirovoi voiny. Moskva, Izd-vo Akademii nauk SSSR, 1956. 206 p. (MLRA 9:6)
(Turkey--Labor and laboring classes)

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BELOTSERKOVSKIY, Sergey Mikhaylovich; ROZAL'SKAYA, N.I., red.

[Thin lifting surface in a subsonic gas flow] Tonkaia nesushchaia poverkhnost' v dozvukovom potoke gaza. Moskva, Nauka, 1965. 242 p. (MIRA 18:4)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZA'UKHAMEDOVA, A. Yu.

"Some properties of vegetative hybridization of grain and legumes." Kazakh State U imeni S. M. Kirov. Alma-Ata, 1956. (Dissertation for the Degree of Candidate in Biological Sciences).

SO: Knizhnaya letopis', No. 16, 1956

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZAN, J.

A simple apparatus for determining technological properties of paint materials and paints according to G. Garmsen.

P. 623. (CHEMICKY PRUMYSL) (Praha, Czechoslavakia) Vol. 7, no. 11, Nov. 1957

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZAN, J.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Application, Part 4. - Varnishes, Paints, Paint Coatings. H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72554.

Author : Josef Rozan.
Inst :
Title : Simple Appliances for Testing Technological Properties of Varnishes and Paint Coatings According to Garmsen.

Orig Pub: Cem. prumysl, 1957, 7, No 11, 623-625.

Abstract: Simple appliances for the determination of the pigment dispersion degree, tendency to local accumulation, rate of drying of coatings protecting from dust, content of dry substances in films, for measuring the thickness of soft coatings, etc. are described.

Card : 1/1

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

Z/009/60/000/010/003/003
E112/E353

Chemical Resistance of Non-modified Epoxy-resins

sulphuric acid, 5% nitric acid, 15% sodium carbonate, 30% potassium hydroxide, 5% sodium chloride, 15% sodium bisulphite. Hot-cured epoxy-resin PGA 40 was included in the tests as comparative standard. Strongest corrosive action on cold-hardened epoxy films was exerted by acids, particularly 8% acetic acid. Practically no corrosion was noticed even after 20 days with sodium chloride, carbonate or bisulphite. Epoxy-resins hardened with diethylenetriamine generally displayed improved chemical resistance, with the exception of resin 1/4, where the ratio of bis-phenole:epichlorhydrine was 1:1.4 and which showed better stability if hardened with amino-amido resins. As a rule, chemical resistance increases with increased molecular weight. The high-temperature cured epoxies are marked by good resistance to all the tested reagents, with the exception of HCl and NaCl, which after 20 days of exposure caused a corrosion of 20% of the exposed areas. Results of corrosion tests on steel plate, carried out according to DIN 53210 are tabulated. Best resistance was shown by heat-cured

Card 2/4

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

83844

Z/009/60/000/010/003/003
E112/E353

Chemical Resistance of Non-modified Epoxy-resins

epoxy-resin PGA 40 and non-modified epoxy-resin with the highest molecular weight (3200 to 4400), hardened with diethylenetriamine. The corrosive action on non-modified epoxy-resins was found to decrease in the following order: CH_2COOH > 5% HCl > 5% H_2SO_4 > 32% H_2SO_4 > 5% HNO_3 > 30% KOH > > 5% NaCl > 15% $NaHSO_3$ > 15% Na_2CO_3. Where chemical attack occurred it was due to the formation of corrosion by-products, with the exception of acetic acid, which causes film destruction prior to corrosion. Results of chemical resistance tests on films applied to glass tubings are also tabulated. Most destructive action is again shown by acetic acid, to which only PGA 40 is resistant. Films from resin 1/4, hardened with amino-amide resins had good stability in solutions of alkalis, NaCl and $NaHSO_3$.

Card 3/4

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

83844

Z/009/60/000/010/003/003
E112/E353

Chemical Resistance of Non-modified Epoxy-resins

There are 1 figure, 3 tables and 8 references: 4 English, 3 German and 1 Czech.

ASSOCIATION: Vysoká škola chemicko-technologická, Pardubice (University of Chemical Technology, Pardubice)

SUBMITTED: March 15, 1960

Card 4/4

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZAN, J.

Lectures on new raw materials for paint maufactured in Western Germany.

P. 626. (CHEMICKY PRUMYSL) (Praha, Czechoslavakia) Vol. 7, no. 11, Nov. 1957

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZAN, J.

Preparing roads for winter traffic. r. 399. CESTE I MOSTOVI. Zagreb. Vol. 3, No. 10, Oct. 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZAN, Josef

The esters of titanium in lacquer technique. Josef Rozan. *Chemie* (Prague) 4, 179-80 (1948).—R. discusses the prepn. of Et, Bu, Am, Ph and cresyl titanates which in thinis are more effective than silicones in protecting surfaces at elevated temps. Frank Marsh

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CA

The esters of titanium in lacquer techniques. Josef Roban. *Chemie* (Prague) 4, 179–80(1948).—R. discusses the prepn. of Et, Bu, Am, Ph, and cresyl titanates which in trials are more effective than silicones in protecting surfaces at elevated temps. Frank Maresh

1952

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ROZAN, Josef; JARUSEK, Jaroslav; CIHELKA, Karel

Study of the effect of high temperatures on the destruction of varnish coatings. Sbor VSChT Pardubice no.1:189-204 '64.

1. Chair of Technology of Plastics of the Higher School of Chemical Technology, Pardubice. Submitted November 4, 1963.

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ROZAN, Josef

"Systematic quantitative analysis of inorganic pigment mixtures" by [dr. inz.] Erich Hezel. Reviewed by Josef Rozan. Chem prum 14 no.7:393 Jl '64.

1. Higher School of Chemical Technology, Pardubice.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANBLAT, M.S.

Result of the application of tibone in pulmonary and laryngeal tuberculosis. Vest. otorinolar., Moskva 14 no.6:79 Nov-Dec 1952. (CIML 23:4)

1. Of the Phthisiolaryngological Division of Odessa Scientific-Research Institute of Tuberculosis.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

STEPANOV, B.I.; ROZANEL'SKAYA, N.A.; TRAVEN', V.F.

Substitution of the halogen in azo compounds. Part 5: Effect of the nature of metal. Zhur.ob.khim. 32 no.11:3737-3741 N '62. (MIRA 15:11)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendelyeva.

(Azo compounds)
(Salts) (Halogens)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANEL'SKAYA, N.A.; STEPANOV, B.I.

Substitution for the halogen in azo compounds. Part 13: Substitution of alkoxy and aroxy groups for the chlorine atoms of disazo dyes from 3,3' -dichlorobenzidine and the synthesis of 4,4 -diamino-3,3'-dioxybiphenyl ethers. Zhur. ob. khim. 31 no.3:758-764 Mr '61. (MIRA 14:3)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D. I. Mendeleyeva.
(Ethers) (Substitution (Chemistry))
(Azo compounds)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

KOCHIN, Nikolay Yevgrafovich; KIBEL', Il'ya Afanas'yevich; ROZE, Nikolay Vladimirovich; ROZAL'SKAYA, N.I., red.; MIKHLIN, E.I., tekhn. red.

[Theoretical hydromechanics] Teoreticheskaia gidromekhanika. Pod red. I.A.Kibelia. Moskva, Fizmatgiz. Pt.1. Izd.6. ispr. i dop. 1963. 583 p. Pt.2. Izd.4., perer. i dop. 1963. 727 p. (MIRA 16:10)

(Fluid mechanics)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANEK, Frantisek, inz.; MIKOVEC, Miroslav, ins.; PODANY, Svaton

Finishing with a broad-nose lathe tool. Stroj vyr 11 no.8: 379-381 Ag '63.

1. Zavody V.I. Lenina, Plzen (for Rozanek). 2. Vyskumny ustav obrabecich stroju a obrabeni, Praha (for Mikovec). 3.Prerovske strojirny, Prerov (for Podany).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

STRNAD, Miroslav; HOLECKOVA, Rut; ROZANEK, Pavel; STAROSTA, Vladimir; SEBESTA, Josef; STURSA, Vladimir; VOJTEK, Jaroslav

A method for the diagnosis of new cases and recurrence of tuberculosis. Sborn. ved. prac. lek. fak. Karlov. univ.: Suppl. 8 no.5:577-582 '65.

Age, occupation and social factors in severe tuberculoses. Ibid.:583-587

Resistance problems in Mycobacteria tuberculosis and the treatment of severe tuberculosis with secondary antitubercular agents. Ibid.:589-592

Some cases of severe tuberculosis escaping early diagnosis. Ibid.:593-598

1. Tbc oddeleni v Nachanicich (prednosta MUDr. J. Sebesta).

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANIC,Igor,ing. (Rijeka).

Statistical control of the welder. Zavarivanje 3 no.1:15-20 Ja '60.

1. Brodogradiliste "3 maj", Rijeka.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANIY, Ye.V.

SOV/68-58-8-12/28

AUTHORS: Deshalit, G.I., Soldatenko, I.S. and Rozaniy, Ye.V.

TITLE: Production of Coarse Crystalline Ammonium Sulphate (Polucheniye ukrupnennoy soli sul'fata ammoniya)

PERIODICAL: Koks i Khimiya, 1958, Nr 8, pp 33 - 34 (USSR)

ABSTRACT: The negative influence of trivalent iron present in the mother liquid on the size of the ammonium sulphate crystals obtained was demonstrated in the laboratory and industrial experiments. In the industrial experiments, the reduction of trivalent iron was carried out by intermittent additions (every hour) of 1 litre of hyposulphite solutions (10%) to the circulating vessel. The duration of the experiment was 6 shifts. A marked improvement in the size distribution of the sulphate produced was obtained (the proportion of 0.5-0.25 mm fraction increased from about 30 to over 50%). There are 3 tables.

Card 1/2

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

Production of Coarse Crystalline Ammonium Sulphate SOV/68-58-12/28

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut (Kharkov Polytechnical Institute) and Kharkovskiy koksokhimicheskiy zavod (Kharkov Coking Works)

Card 2/2 1. Ammonium sulfate crystals--Production 2. Iron--Reduction 3. Thiosulfates--Applications

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

[redacted], A. P.

Tobacco Manufacture and Trade

Our wishes. Tabak 13 no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV A.

"III Vsesoyuznoye soveshchaniye po geologorazvedochnym rabotam na ugli i goryuchiye slantsy," p. 38,

Goryuchiye Slantsy, No. 2, 1932.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

LENOZION, K.; MIKHNYAK, R. [Michniak, R.]; ROZANOV, A.

Lithostratigraphic correlation of the late Pre-Cambrian and Lower Cambrian of the Swietokryzskie Mountains and northwestern part of the Russian Platform. Izv. AN SSSR. Ser. geol. 30 no.8:85-96 Ag '65. (MIRA 18:9)

1. Geologicheskiy institut TSentral'nogo upravleniya geologii Pol'shi, Varshava, Institut geologii Pol'skoy Akademii nauk, Varshava i Geologicheskiy institut AN SSSR, Moskva.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV A. (PROF.)

"Vozmozhno li otkrytiye v Zavolzh'ye k severu ili k severozapadu ot Obshchego Syrta mestorozhdeniy goryuchikh slantsev krupnogo promyshlennogo znacheniya", p. 66

Goryuchiye Slantsy, No 5-6, 1932

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.

New information on the genetics and the improvement of Soviet Solonetz soils. Tr. from the Russian. p. 271.
(KOZLEMENYEI. Vol. 11, no. 1/4, 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957. Uncl.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

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USSR/General Problems. Methodology. History. Scientific Institutions and Conferences. Teaching. Problems of Bibliography and Scientific Documentation. A

Abs Jour : Ref Zhur-Khimiya, No 6, 1958, 16707

Author : Klimovskiy I., Rozanov A.
Inst : Not given
Title : Development in the Science of Cheese Manufacturing

Orig Pub : Molochn. Prom-st', 1957, No 11, 49-51

Abstract : Brief report on the scientific research institutes (USSR), their development and activities.

Card 1/1

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.; ~~SAHOV, D.~~

TECHNOLOGY

Periodical: REVISTA INDUSTRIEI ALIMENTARE. PRODUSE ANIMALE. No. 1, 1958.

ROZANOV,A.; ~~SHAOV, D~~., Assembly-line methos for the production of cheese. p. 26.

Monthly List of East European Accession (EEAI), LC., Vol. 8, No. 3, March 1959, Unclass.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.

Beauty and concrete. Znan.sila 35 no.6:20-23 Je '60. (MIRA 13:7)

(Concrete) (Sculpture)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.

Glavnyl Turkmenskii kanal. /The Main Turkmen Canal/. (Pochvovedenie, 1950, no. 11).
DLC: S590.P6

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ALEKSEYEV, V.N.; KOZHEVNIKOV, I.N.; LEBEDEVA, K.S.; MAKAR'IN, A.M.; MANENKOVA, A.I.; NIKOLAYEV, A.M.; ROZANOV, A.A.

[Technological instructions for the production of cheese] Tekhnologicheskie instruktsii po proizvodstvu syra. Utverzhdeny VSNKh. 2. izd. Moskva, TSintipishcheprom, 1963. 161 p. (MIRA 18:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut maslodel'noy i syrodel'noy promyshlennosti.

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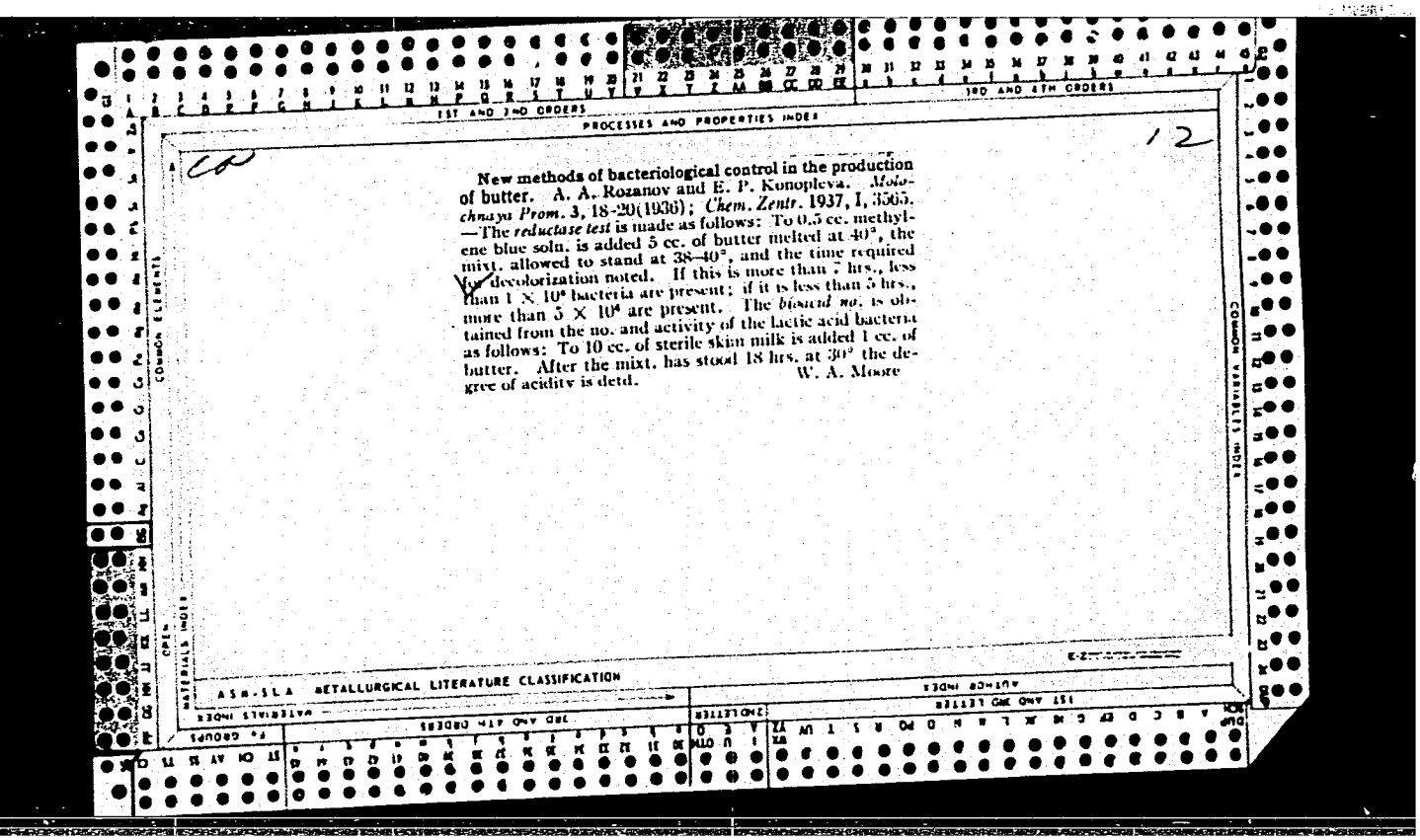
"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.A., inzh.; CHIZHOV, A.T., inzh.; ULANTSEV, I.D., inzh.

Manual on the mechanization of ballasting. Transp.stroi. 13 no.9: 73-74 S '63. (MIRA 16:12)

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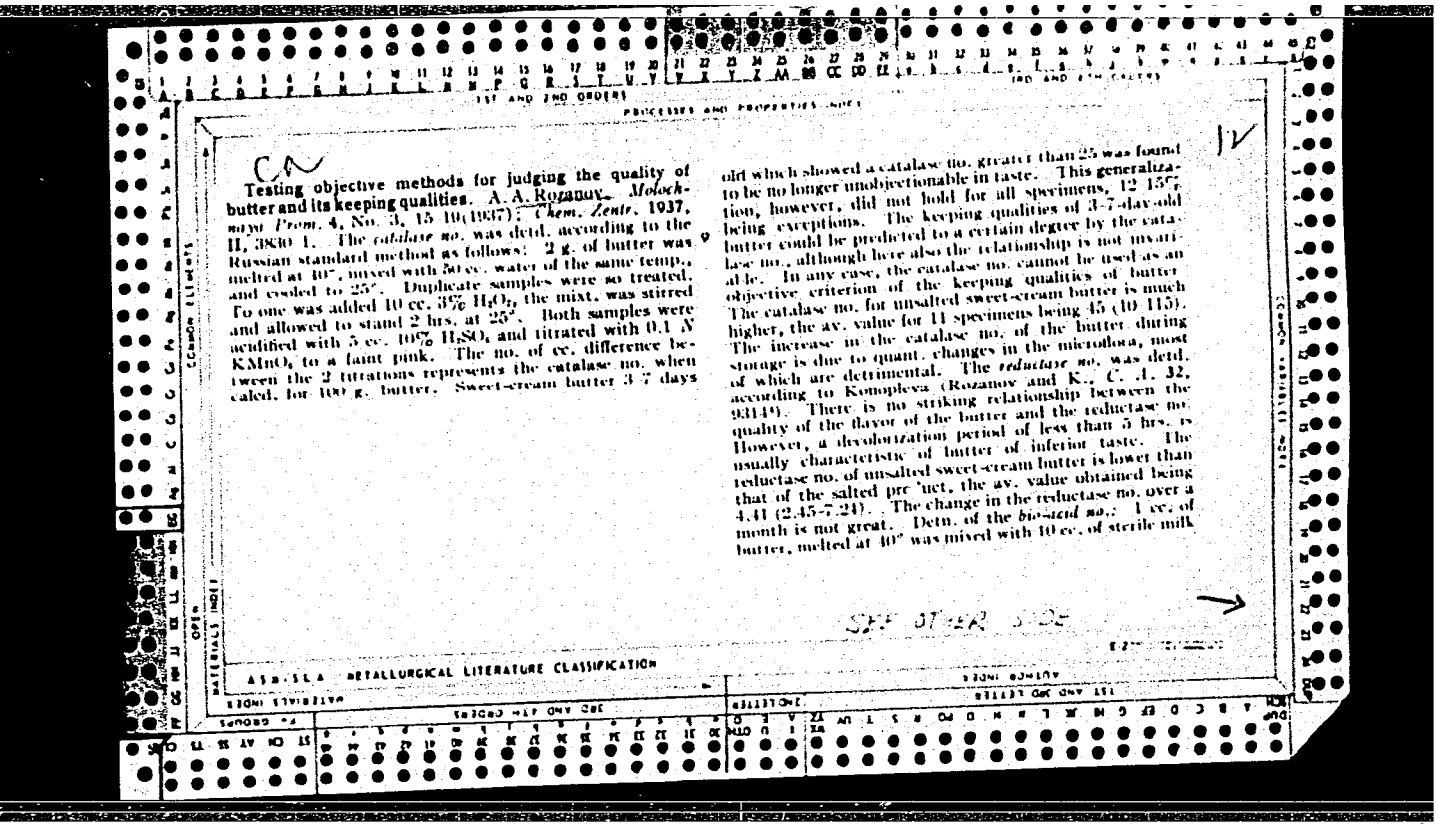


New methods of bacteriological control in the production of butter. A. A. Rozanov and E. P. Konopleva. *Molochnaya Prom.* 3, 18-20(1936); *Chem. Zentr.* 1937, I, 3565. —The *reductase test* is made as follows: To 0.5 cc. methylene blue soln. is added 5 cc. of butter melted at 40°, the mixt. allowed to stand at 38–40°, and the time required for decolorization noted. If this is more than 7 hrs., less than 1×10^6 bacteria are present; if it is less than 5 hrs., more than 5×10^6 are present. The *biacid no.* is obtained from the no. and activity of the lactic acid bacteria as follows: To 10 cc. of sterile skim milk is added 1 cc. of butter. After the mixt. has stood 18 hrs. at 30° the degree of acidity is detd.

W. A. Moore

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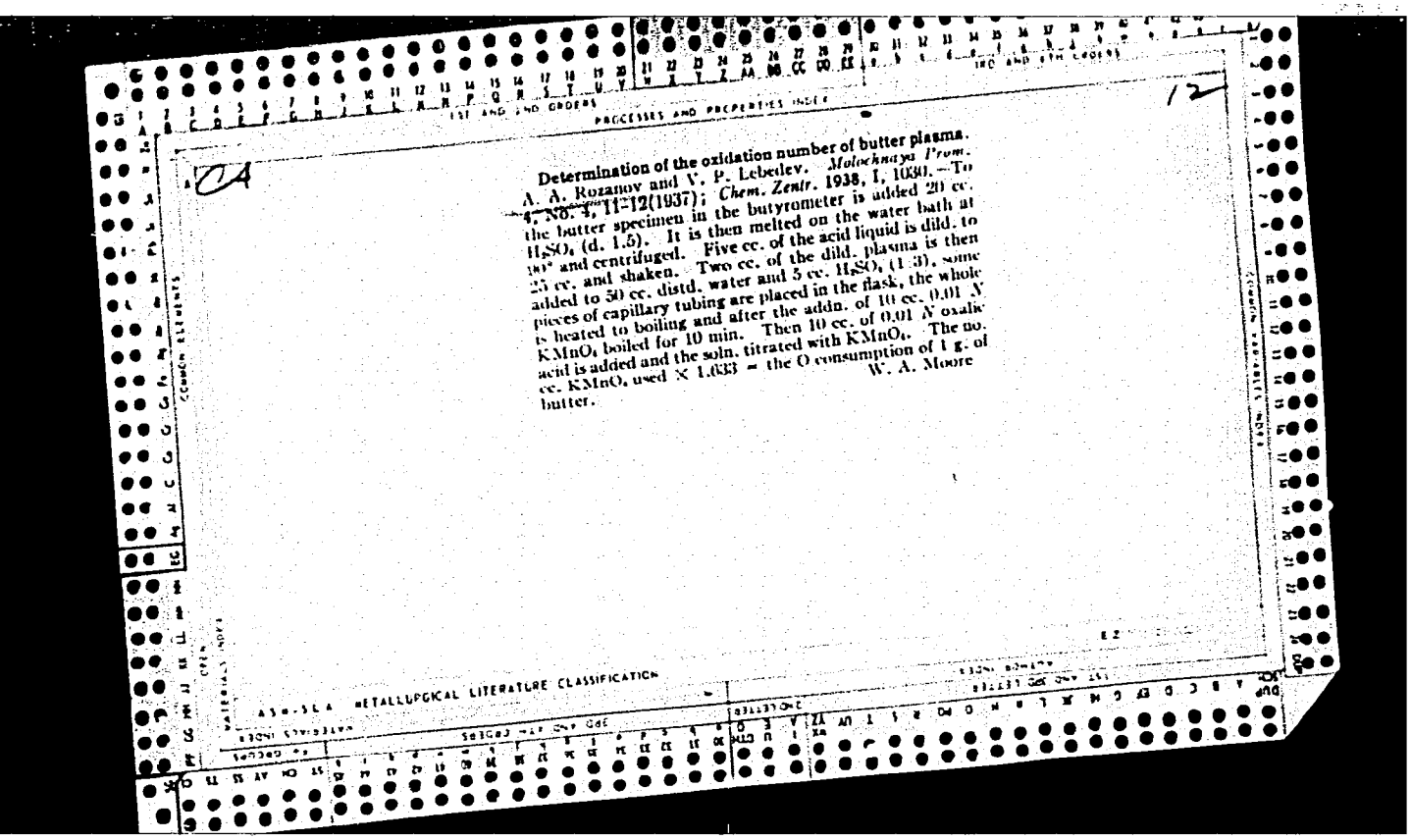


Testing objective methods for judging the quality of butter and its keeping qualities. A. A. Rozanov. *Molochnaya Prom.* 4, No. 3, 15–10(1937); *Chem. Zentr.* 1937, II, 3880–1. The *catalase no.* was detd. according to the Russian standard method as follows: 2 g. of butter was melted at 40°, mixed with 50 cc. water of the same temp., and cooled to 25°. Duplicate samples were so treated. To one was added 10 cc. 3% H_2O_2, the mixt. was stirred and allowed to stand 2 hrs. at 25°. Both samples were acidified with 5 cc. 10% H_2SO_4 and titrated with 0.1 *N* $KMnO_4$ to a faint pink. The no. of cc. difference between the 2 titrations represents the catalase no. when calcd. for 100 g. butter. Sweet-cream butter 3–7 days old which showed a catalase no. greater than 25 was found to be no longer unobjectionable in taste. This generalization, however, did not hold for all specimens, 12 15% being exceptions. The keeping qualities of 3–7-day-old butter could be predicted to a certain degree by the catalase no., although here also the relationship is not invariable. In any case, the catalase no. cannot be used as an objective criterion of the keeping qualities of butter. The catalase no. for unsalted sweet-cream butter is much higher, the av. value for 11 specimens being 45 (10–115). The increase in the catalase no. of the butter during storage is due to quant. changes in the microflora, most of which are detrimental. The *reductase no.* was detd. according to Komopleva (Rozanov and K., *C. A.* 32, 9314⁹). There is no striking relationship between the quality of the flavor of the butter and the reductase no. However, a decolorization period of less than 5 hrs. is usually characteristic of butter of inferior taste. The reductase no. of unsalted sweet-cream butter is lower than that of the salted product, the av. value obtained being 4.41 (2.45–7.24). The change in the reductase no. over a month is not great. Detn. of the *biological no.*: 1 cc. of butter, melted at 40° was mixed with 10 cc. of sterile milk

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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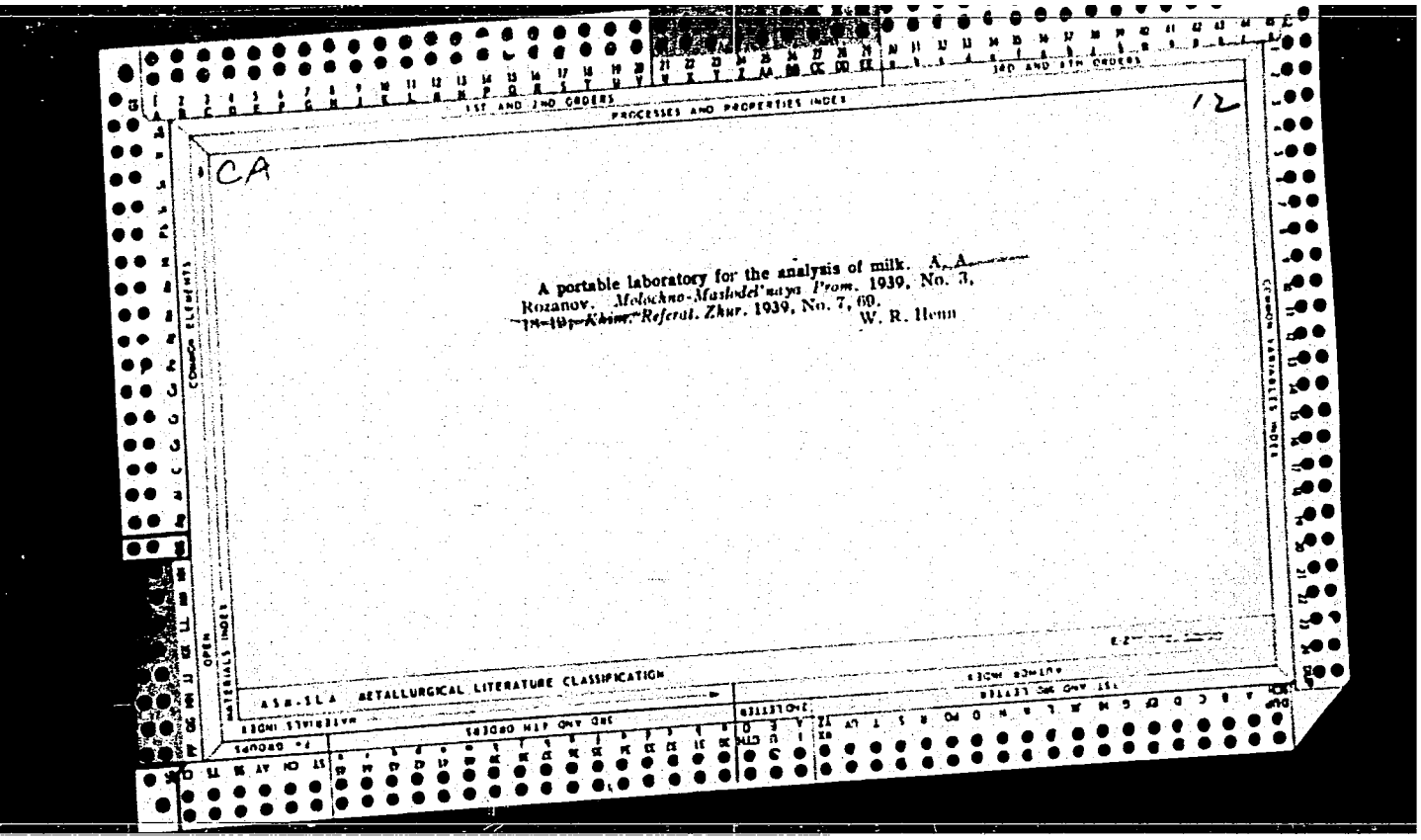
CA

Determination of the oxidation number of butter plasma. A. A. Rozanov and V. P. Lebedev. *Molochnaya Prom.* 4, No. 4, 11-12(1937); *Chem. Zentr.* 1938, I, 1090.—To the butter specimen in the butyrometer is added 20 cc. H_2SO_4 (d. 1.5). It is then melted on the water bath at 70° and centrifuged. Five cc. of the acid liquid is dild. to 25 cc. and shaken. Two cc. of the dild. plasma is then added to 50 cc. distd. water and 5 cc. H_2SO_4 (1:3), some pieces of capillary tubing are placed in the flask, the whole is heated to boiling and after the addn. of 10 cc. 0.01 *N* $KMnO_4$ boiled for 10 min. Then 10 cc. of 0.01 *N* oxalic acid is added and the soln. titrated with $KMnO_4$. The no. cc. $KMnO_4$ used × 1.633 = the O consumption of 1 g. of butter.

W. A. Moore

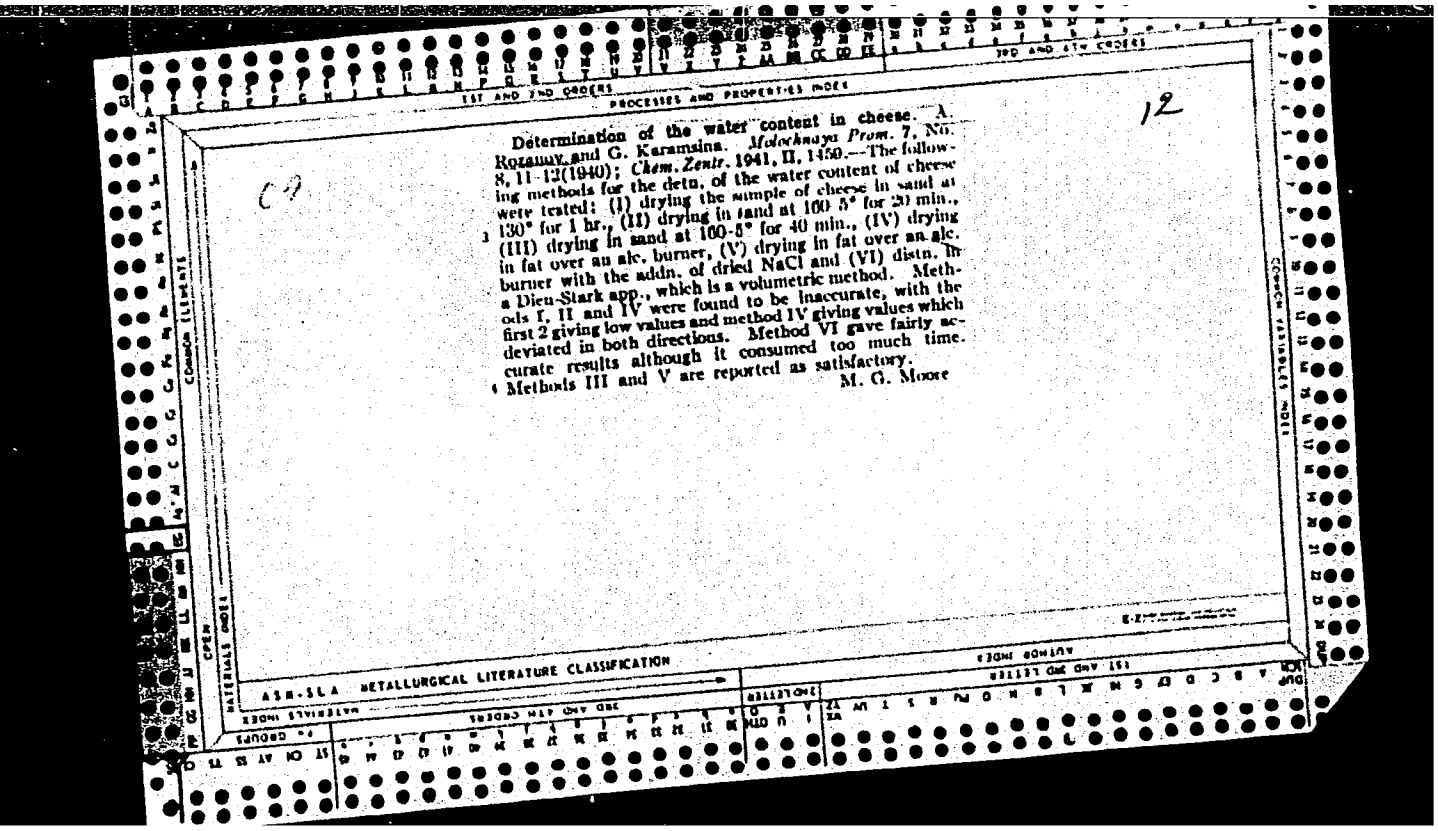
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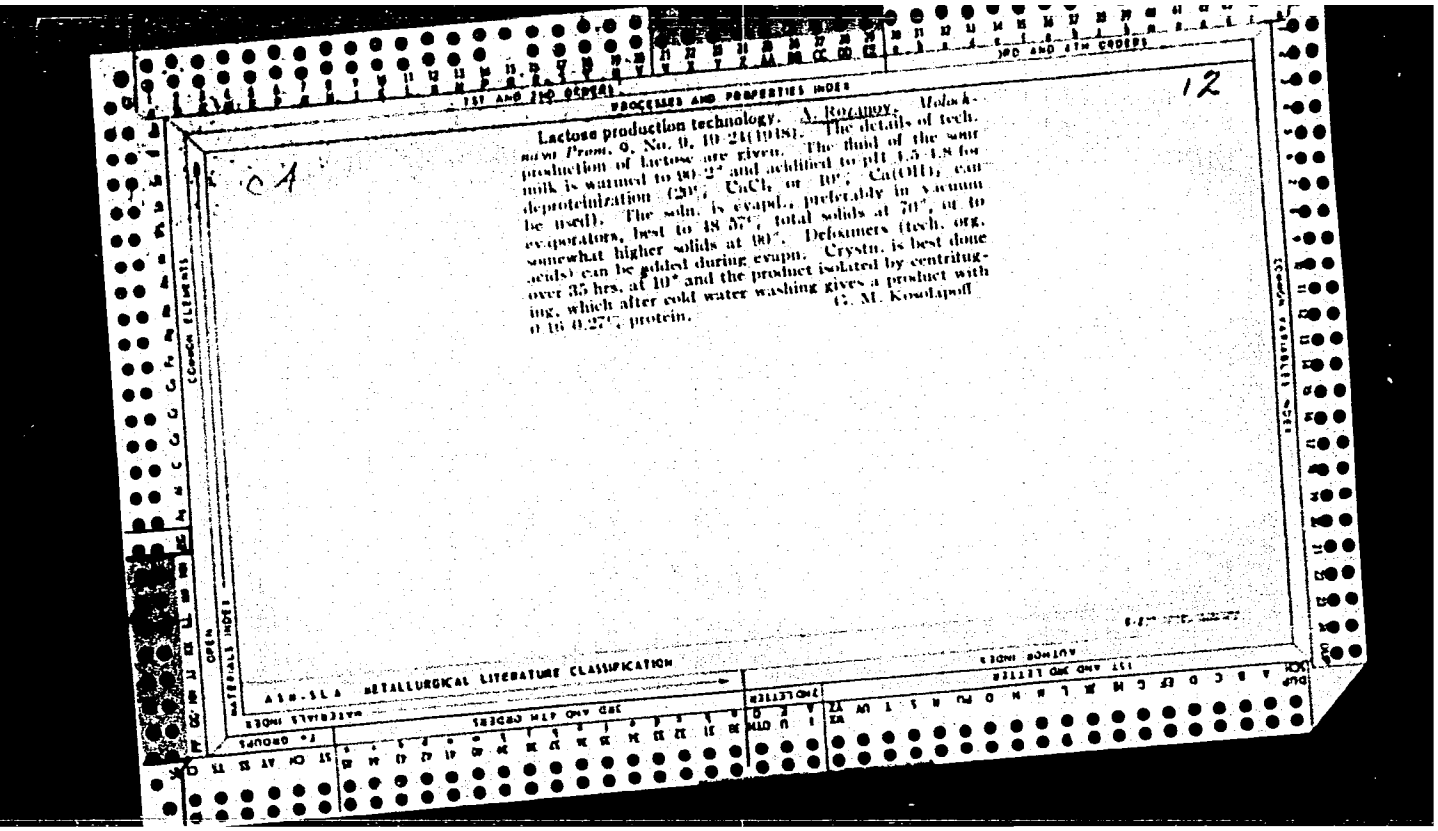


Determination of the water content in cheese. A. Rozanov and G. Karamsina. *Molochnaya Prom.* 7, No. 8, 11-12(1940); *Chem. Zentr.* 1941, II, 1450.—The following methods for the detn. of the water content of cheese were tested: (I) drying the sample of cheese in sand at 130° for 1 hr., (II) drying in sand at 100-5° for 40 min., (III) drying in sand at 100-5° for 20 min., (IV) drying in fat over an alc. burner, (V) drying in fat over an alc. burner with the addn. of dried NaCl and (VI) distn. in a Dieu-Stark app., which is a volumetric method. Methods I, II and IV were found to be inaccurate, with the first 2 giving low values and method IV giving values which deviated in both directions. Method VI gave fairly accurate results although it consumed too much time. Methods III and V are reported as satisfactory.

M. G. Moore

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PROCESSES AND PROPERTIES INDEX

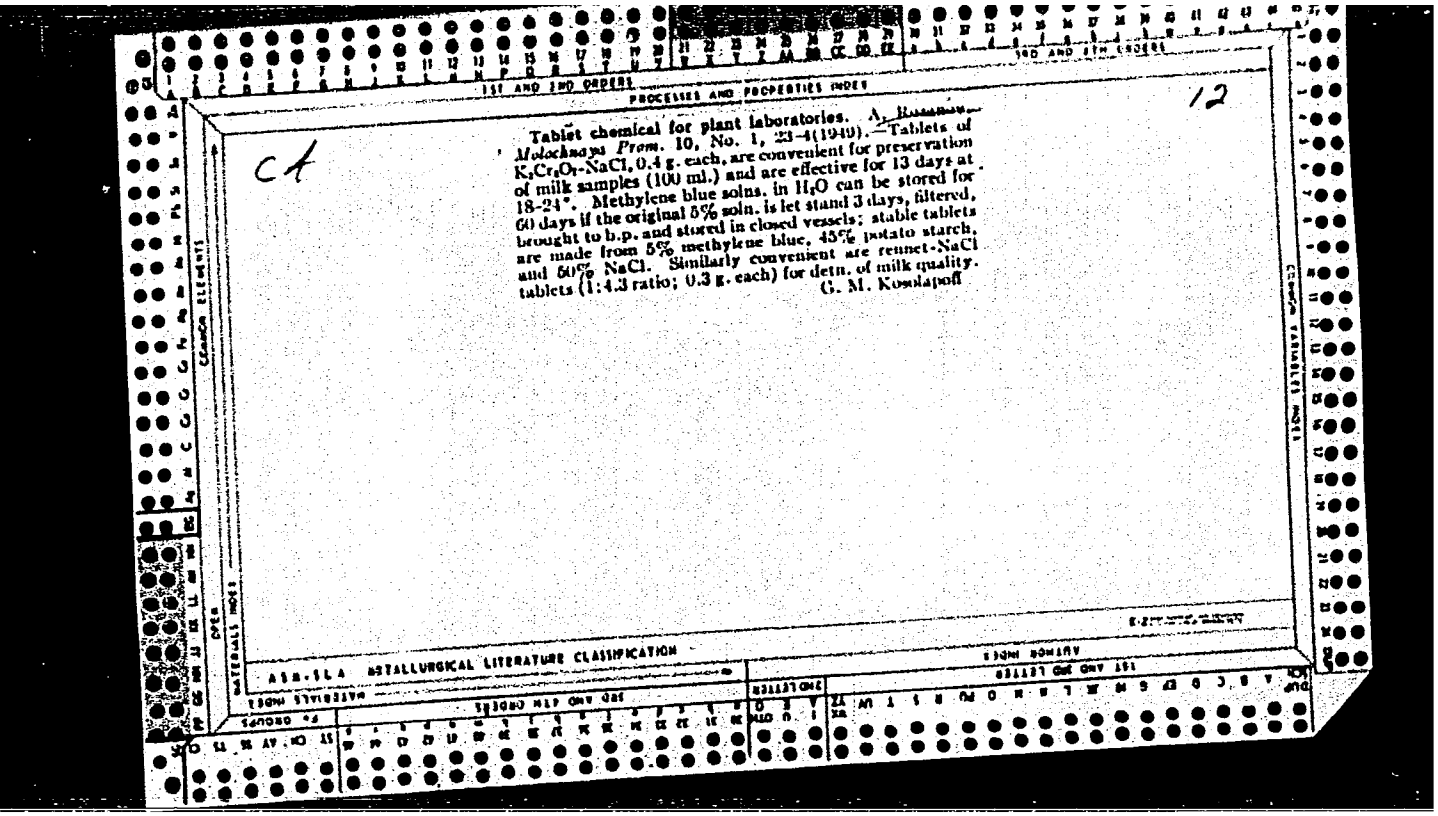
12

Lactose production technology. A. Rovanov. *Molochnaya Prom.* 9, No. 9, 19–24(1948).—The details of tech. production of lactose are given. The fluid of the sour milk is warmed to 80–2° and acidified to pH 4.5–4.8 for deproteinization (20% $CaCl_2$ or 10% $Ca(OH)_2$ can be used). The soln. is evapd., preferably in vacuum evaporators, best to 48–57% total solids at 70°, or to somewhat higher solids at 80°. Defoamers (tech. org. acids) can be added during evapn. Crystn. is best done over 35 hrs. at 10° and the product isolated by centrifuging, which after cold water washing gives a product with 0.16–0.27% protein.

G. M. Kosolapoff

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Tablet chemical for plant laboratories. A. [illegible]. *Molochnaya Prom.* 10, No. 1, 23–4(1949).—Tablets of $K_2Cr_2O_7$-NaCl, 0.4 g. each, are convenient for preservation of milk samples (100 ml.) and are effective for 13 days at 18–24°. Methylene blue solns. in H_2O can be stored for 60 days if the original 5% soln. is let stand 3 days, filtered, brought to b.p. and stored in closed vessels; stable tablets are made from 5% methylene blue, 45% potato starch, and 50% NaCl. Similarly convenient are rennet-NaCl tablets (1:4.3 ratio; 0.3 g. each) for detn. of milk quality.
G. M. Kosolapoff

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

CA

Increasing the yield of lactose. A. Rozanov. *Molochnaya Prom.* 11, No. 6, 15–18(1950).—The losses of lactose occur in clarification of the soln., crystn., and centrifuging. The use of rational mech. methods at these steps can give up to 60% yields, or up to 67% if the molasses are also worked. G. M. Kosolapoff

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.A

Rozanov, A. A.: Rukovodstvo po proizvodstvu mo-
[illegible] (Handbook for Lactose Production).
Moscow: Pishcheprom.izdat. 1953. 67 pp.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

Technology

Technical and chemical control in cheese factories, Moskva, Pishchepromizdat, 1952

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.

Feed Water Purification

Softening water by means of cation exchange. Mol. prom. 13, No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1953, Uncl.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.

Factors determining the quality of cheese. Moloch. prom. 18 no.3:6-8 '57. (MLRA 10:4)

1. Vsesoyuznyy nauchno-issledovatel' skiy institut maslodel'noy i syrodel'noy promyshlennosti.
(Cheese)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ALEKSENKO, G.V.; BIRYUKOV, V.G.; BORISENKO, N.I.; BORUSHKO, V.S.; KOVALEV, N.N.; KOSTENKO, M.P.; OBOLENSKIY, N.A.; PETROV, G.N.; ROZANOV, A.A.; SKIDANENKO, I.T.; TIMOFEYEV, P.V.; CHILIKIN, M.G.; SHEREMET'YEVSKIY, N.N.

Professor Andronik Gevondovich Iosif'ian, 1905- ; on his 60th birthday. Elektrichestvo no.9:88 S '65. (MIRA 18:10)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, Arkadiy.

Sunny nights. Zdorov'e 7 no.1:25-26 Ja '61. (MIRA 13:12)
(DUDINKA--SOCIAL CONDITIONS)
(NORILSK--SOCIAL CONDITIONS)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ACC NR: AP7002425 SOURCE CODE: UR/0051/66/021/006/0761/0762

AUTHOR: Rozanov, A. G.; Cheburkin, N. V.; Shvindt, N. N.

ORG: none

TITLE: Measurement of the electron concentration in a pulsed xenon discharge with the aid of a gas laser

SOURCE: Optika i spektroskopiya, v. 21, no. 6, 1966, 761-762

TOPIC TAGS: laser application, gas laser, gas discharge, xenon, discharge plasma, plasma density, helium, neon, laser

ABSTRACT: The authors constructed for the measurements the laser interferometer first proposed by H. Kogelnik and D. Ratel (Proc. IRE v. 50, 2365, 1962). The operation and theory of the interferometer are briefly reviewed. An He-Ne laser operating simultaneously at 0.63 and 3.39 μ was used in conjunction with an experimental plane flash lamp filled with xenon at 400 mm Hg. The per unit energy in the lamp was 90 Joules/cm^3 and the interferometer sensitivity was 8.3×10^{16} cm^{-3} per modulation peak. The results of measurement of the plasma density at different points of the discharge indicate that the discharge channel is completely filled. This was confirmed by direct photography of the discharge. The laser beam modulation of the plasma (number of modulation peaks) was constant from flash to flash. The time variation of the plasma density is similar to the variation of the discharge current. The maximum density, corresponding to maximum current, is 7×10^{17} cm^{-3}. The corresponding temperature at the maximum (calculated using the Saha formula) is 9500K, and the degree of ionization is 5.4%. Orig. art.

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ACC NR: AP7002425

has 3 figures and 4 formulas.

SUB CODE: 20/ SUBM DATE: 04Sep65/ OTH REF: 003/ ATD PRESS: 5113

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

IVANENKOV, V.N.; ROZANOV, A.G.

Hydrogen sulfide contamination of intermediate layers in the Arabian Sea and the Bay of Bengal. Okeanologiia 1 no.3:443-449 '61. (MIRA 16:11)

1. Institut okeanologii AN SSSR.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.G.

Distribution of phosphates and silicic acid in the water of the northern part of the Indian Ocean. Trudy Inst. okean. 64: 102-114 '64. (MIRA 17:7)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.G.; BYKOVA, V.S.

Distribution of nitrates and nitrites in the water of the northern part of the Indian Ocean. Trudy Inst. okean. 64:94-101 '64. (MIRA 17:7)

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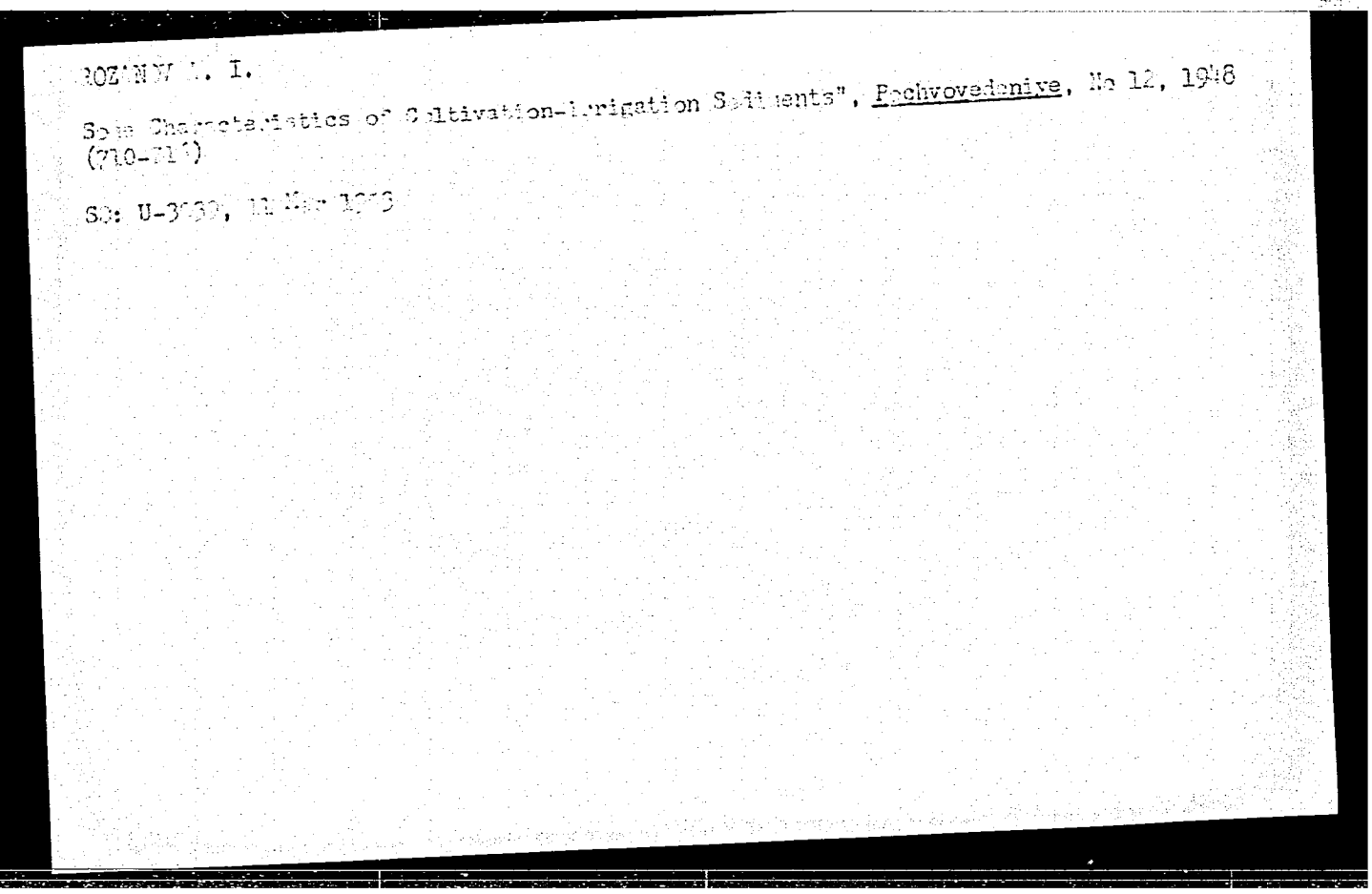
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ROZANOV, A.I.; KHODZHAYEVA, N.K.

Equipment for an information storage and retrieval system on cards with perforated borders. NTI no.8:51-52 '64. (MIRA 17:12)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2



ROZ'NOV I. I.

Some Characteristics of Cultivation-Irrigation Sediments", Pochvovedeniye, No 12, 1948 (710-711)

SO: U-3060, 11 Mar 1953

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

SOV/124-58-11-12451

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 72 (USSR)

AUTHOR: Rozanov, A. K.

TITLE: An Experimental Investigation of the Magnitude of the Axial Force Exerted on the Impellers of Centrifugal Fans (Eksperimental'noye issledovaniye velichiny osevogo usiliya, voznikayushchego na kolesakh tsentrobezhnykh ventilyatorov)

PERIODICAL: V sb.: Prom. aerodinamika, Nr 9, Moscow, Oborongiz, 1957, pp 74-90

ABSTRACT: For a correct selection of fan bearings it is necessary to know the axial force. Well-known formulae for the determination of the axial force of a fan, which were developed on the basis of simplified concepts relative to the physical nature of the phenomena, lead to a considerable discrepancy when compared with the actually prevailing forces. The author conducted an experimental investigation on a number of fans and established that the magnitude of the axial force is influenced by a number of factors, including the radial gap between the shaft and the back wall of the housing, the distance between the back of the impeller and the wall of the housing, the gap in the packing

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An Experimental Investigation of the Magnitude of the Axial Force (cont.)

between the inlet-duct transition and the face of the impeller, and the fluctuations in the resistance of the inlet- and exhaust-duct networks. The stated factors also influence the total-pressure rise ratio H, which is illustrated by a series of graphs for certain types of fans, although no concrete suggestions in regard to developing a more precise method of calculation of the axial force are given, inasmuch as the experimental investigations are still insufficient. For typical fans the author recommends tentatively the use of the above-mentioned graphs. For all the other types of fans he recommends the use of the TsAGI (Central Aero-hydrodynamic Institute) formula, with corrections applied thereto on the basis of experimental values for similar types of fans.

M. I. Vostrikov

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.K.

Experimental investigation of the value of axial stresses originated in impellers of centrifugal ventilators. Prom.aerodin. no.9:74-90 '57. (MIRA 10:12)

(Fans, Mechanical) (Aerodynamics)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.N.

Notes on soils made during travels in Iran. Pochvovedenie no.7: 61-68 Jl '59. (MIRA 12:11)

1. Pochvennyy institut im. V.V. Dokuchayeva AN SSSR.
(Iran--Soils)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, Andrei Mitrofanovich.

Technique and practice of glider piloting; textbook. Moskva, Gos. veon, izd-vo, 1935. (Mic 55-3115)

Collation of the original: 239 p.

Microfilm Slavic 340 AC

1. Gliders (Aeronautics)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A.N.

[Thoracoscopy and thoracocautery in pulmonary tuberculosis] Torakoskopiia i torakokaustika pri tuberkuleze legkikh. Moskva, Medgiz, 1949. 170 p. (MLRA 6:10)

(Tuberculosis) (Cautery)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A. T.

35500. Anatomo-topograficheskiye otnosheniya k plevral'noy polosti v svete operatsii yakobeusa. V SB: Voprosy grudnoy khirurgii. T. III. L., 1949, c. 187-90.

Letopis' Zhurnal'nykh Statey, Vol. 48, Moskva, 1949

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

ROZANOV, A. N.

Automobile Industry - Accounting

Normative method of calculating production costs. Avt. trakt. prom. no. 3, 1953

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001445520017-2

Some properties of triple β-solid solutions of...

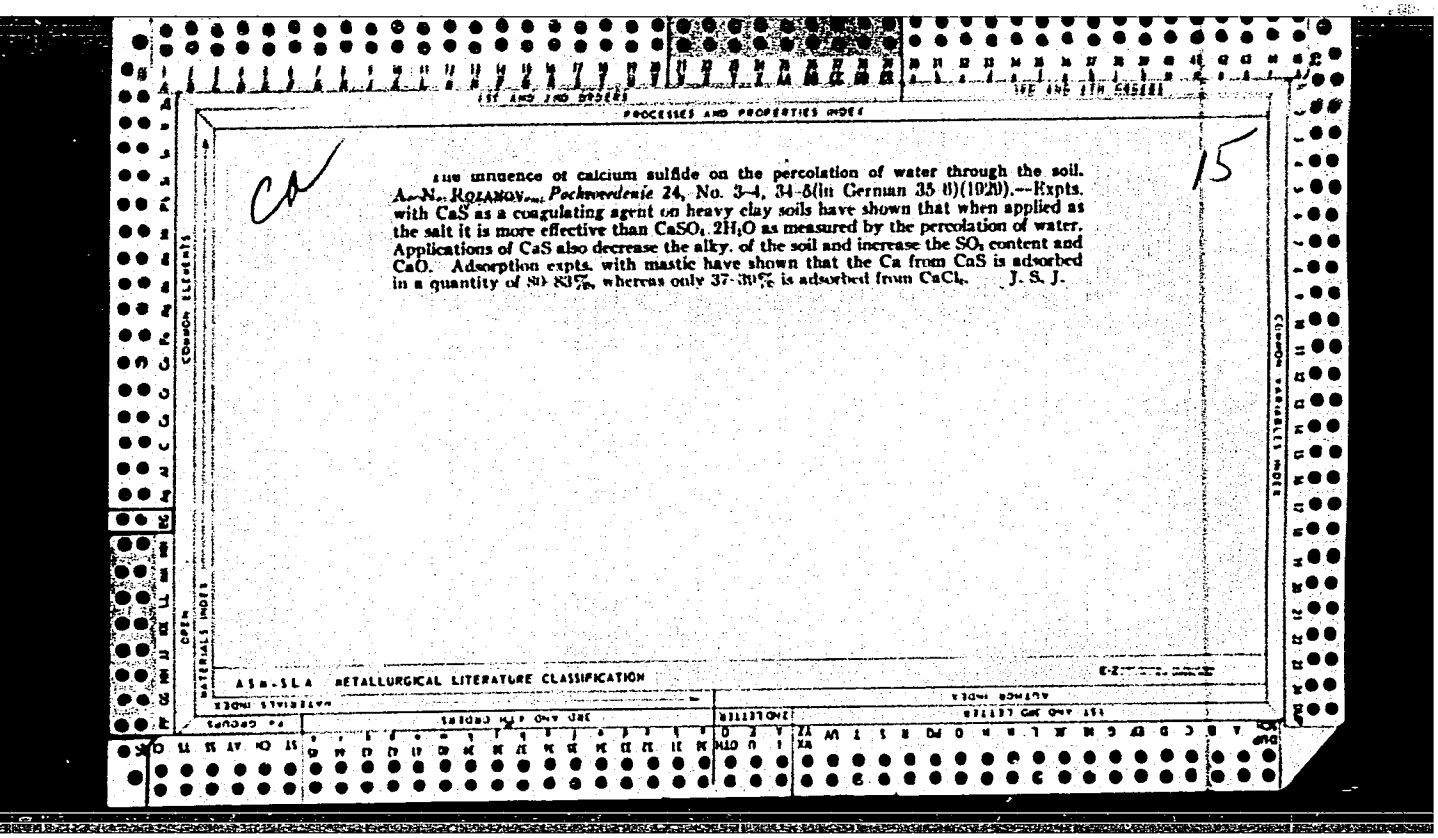
quickly decrease at testing temperatures >500°C. Tests at 550°C and σ 9 - 10.5 kg/mm^2 revealed that the creep rate does not exceed $5 \cdot 10^{-5}$ hour^{-1}. The smelting point of the 15% Nb+10% Mo alloy equals 1640°C, and it decreases to 1525°C when adding 0.5% Fe, Cu, Ni, Ag. The coefficient of the linear expansion in the temperature range of 100 - 800°C equals $6.5 \cdot 10^{-6}$ degrees^{-1}. At 500°C, the coefficient of the heat conductivity is estimated at 0.2 watt/ohm·degree (somewhat higher than for the non-alloyed Zr).

L. Gomozov

[Abstracter's note: Complete translation)

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PROCESSES AND PROPERTIES INDEX

CA

15

The influence of calcium sulfide on the percolation of water through the soil. A. N. Rolanov. *Pochvovedenie* 24, No. 3-4, 34-8(In German 35-8)(1929).—Expts. with CaS as a coagulating agent on heavy clay soils have shown that when applied as the salt it is more effective than $CaSO_4 \cdot 2H_2O$ as measured by the percolation of water. Applications of CaS also decrease the alky. of the soil and increase the SO_3 content and CaO. Adsorption expts. with mastic have shown that the Ca from CaS is adsorbed in a quantity of 80-83%, whereas only 37-38% is adsorbed from $CaCl_2$. J. S. J.

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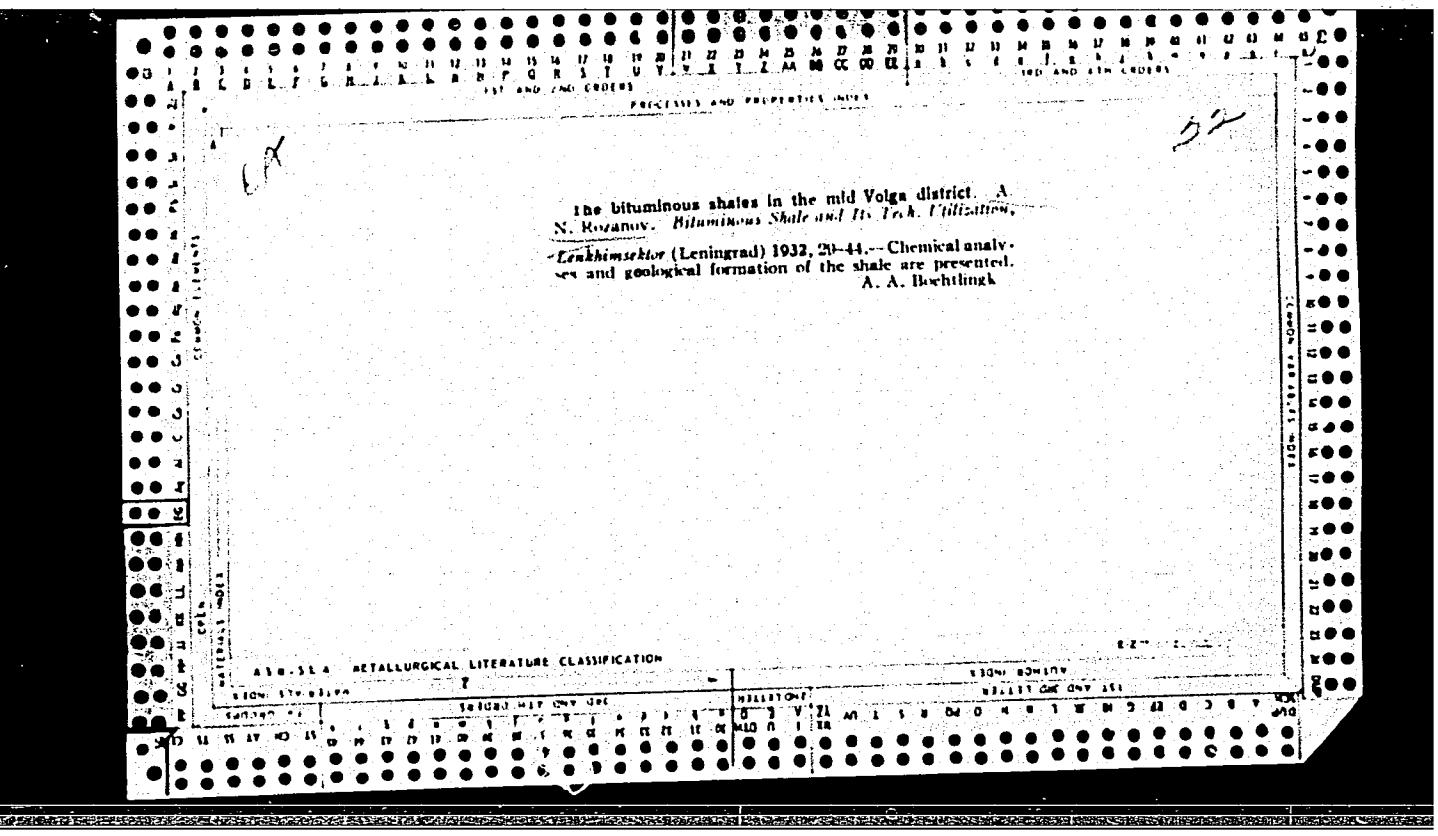
ROZANOV A.N.

"O vozmozhnosti odnovremennoy parallel'noy ili poputnoy dobychi goryuchikh slantsev i fosforitov na obshchem syrte," p. 35

Goryuchiye Slantsy, No. 2-3, 1931

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The bituminous shales in the mid Volga district. A. N. Rozanov. *Bituminous Shale and Its Tech. Utilization.* *Leukhimsektor* (Leningrad) 1932, 39–44.—Chemical analyses and geological formation of the shale are presented.
A. A. Bochtlingk

A 1 B - 3 L 4 METALLURGICAL LITERATURE CLASSIFICATION

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OZANOV, A.N. III

Vsesoyuznoye Soveshchaniye Po Geologo Razvedochnym Rabotam Na Ugli I Goryuchiye Slantsy, Goryuchiye Slantsy, 1932, No 2,38

SO:
Goryuchiye Slantsy # 1934-35, TN .871
G .74

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OCZANOV, A.N

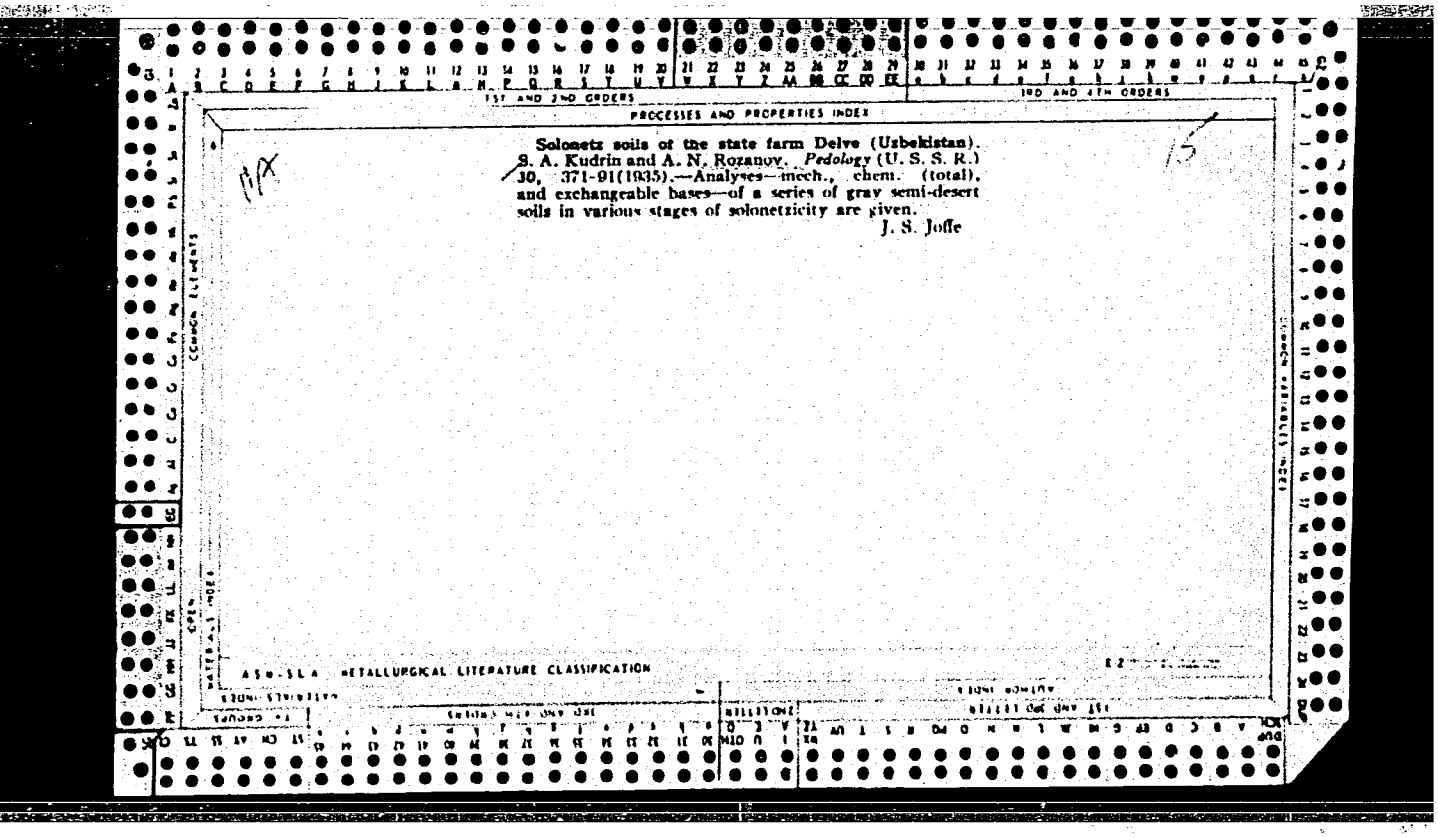
Vozmozhno Li Otkrytiye V Zavolzh I K Severu III K Severo-Zapadu Ot Obshchego Syrta Mestorozhdeniy Goryuchikh Slantsev Krupnogo Promyshlennogo Znacheniya Goryuchiye Slantsy, 1932, No 5-6, 66

SO:

Goryuchiye Slantsy # 1934-35, TN .871
G .74

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1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

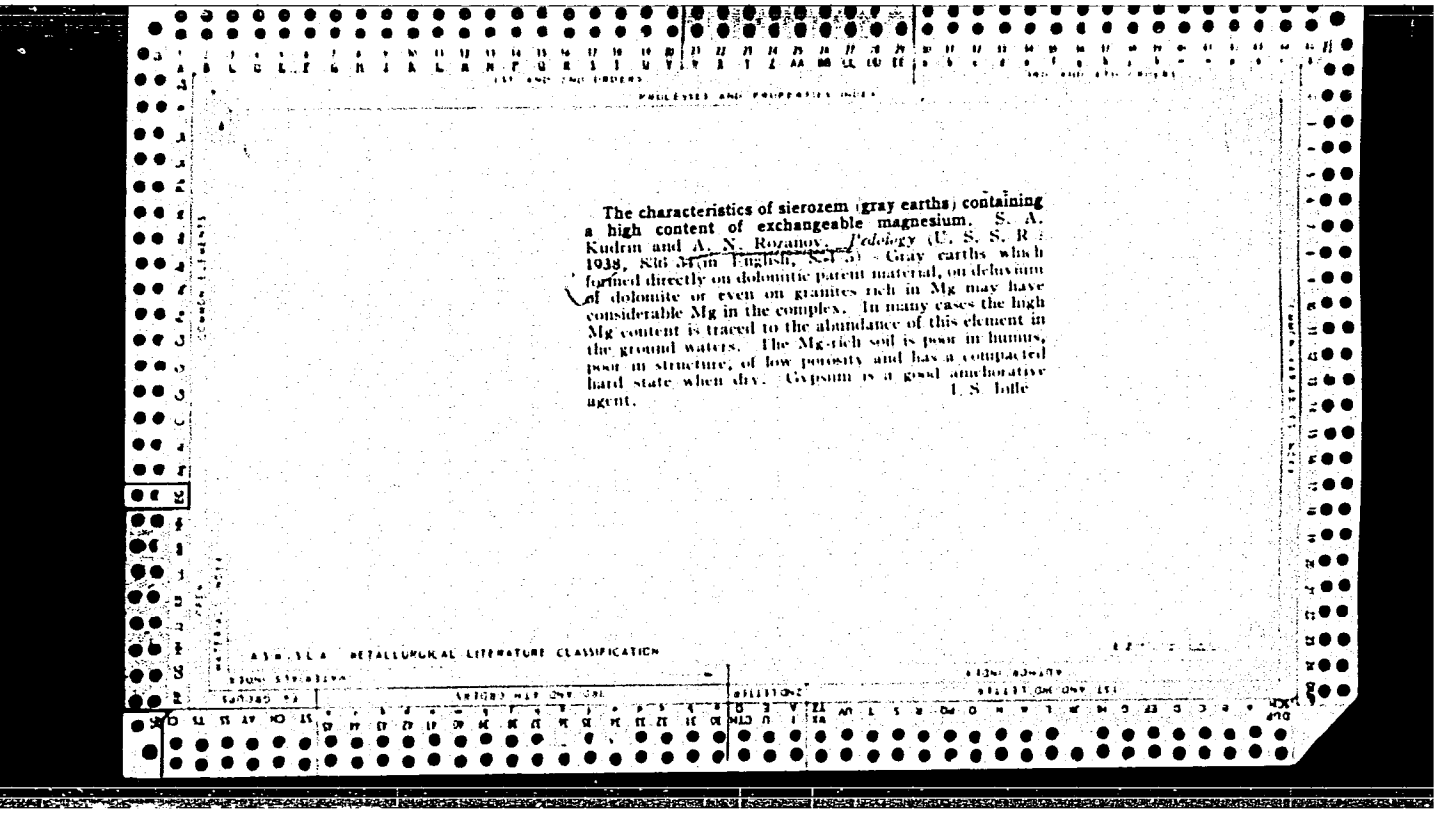
Solonetz soils of the state farm Delve (Uzbekistan). S. A. Kudrin and A. N. Rozanov. *Pedology* (U. S. S. R.) 30, 371-91(1935).—Analyses—mech., chem. (total), and exchangeable bases—of a series of gray semi-desert soils in various stages of solonetzicity are given.

J. S. Joffe

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The characteristics of sierozem (gray earths) containing a high content of exchangeable magnesium. S. A. Kudrin and A. N. Rozanov. *Pedology* (U. S. S. R.) 1938, 886-94 (in English, 894-5). Gray earths which formed directly on dolomitic parent material, on deluvium of dolomite or even on granites rich in Mg may have considerable Mg in the complex. In many cases the high Mg content is traced to the abundance of this element in the ground waters. The Mg-rich soil is poor in humus, poor in structure, of low porosity and has a compacted hard state when dry. Gypsum is a good ameliorative agent.

I. S. Jolle

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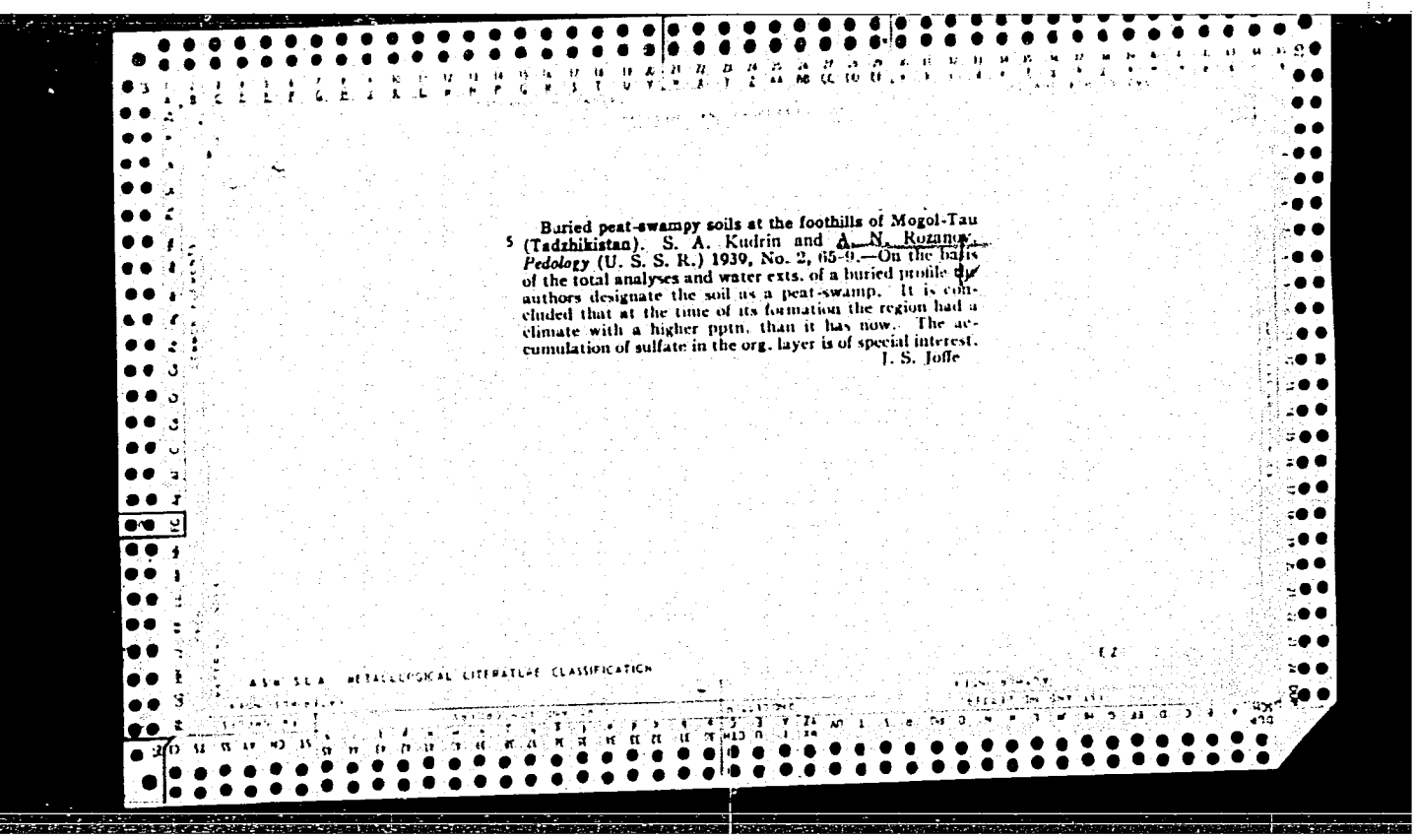
[redacted], Aleksandr Nikolayevich.

Soils of clayey deserts and irrigated pastures of Central Asia. Moskva, Izd-vo Akademii nauk SSSR, 1954. 143p. (Series: Posobiye dlya agrotekhnikov, uchiteley i selkhozaktiva)

1. Soils - Soviet Central Asia.

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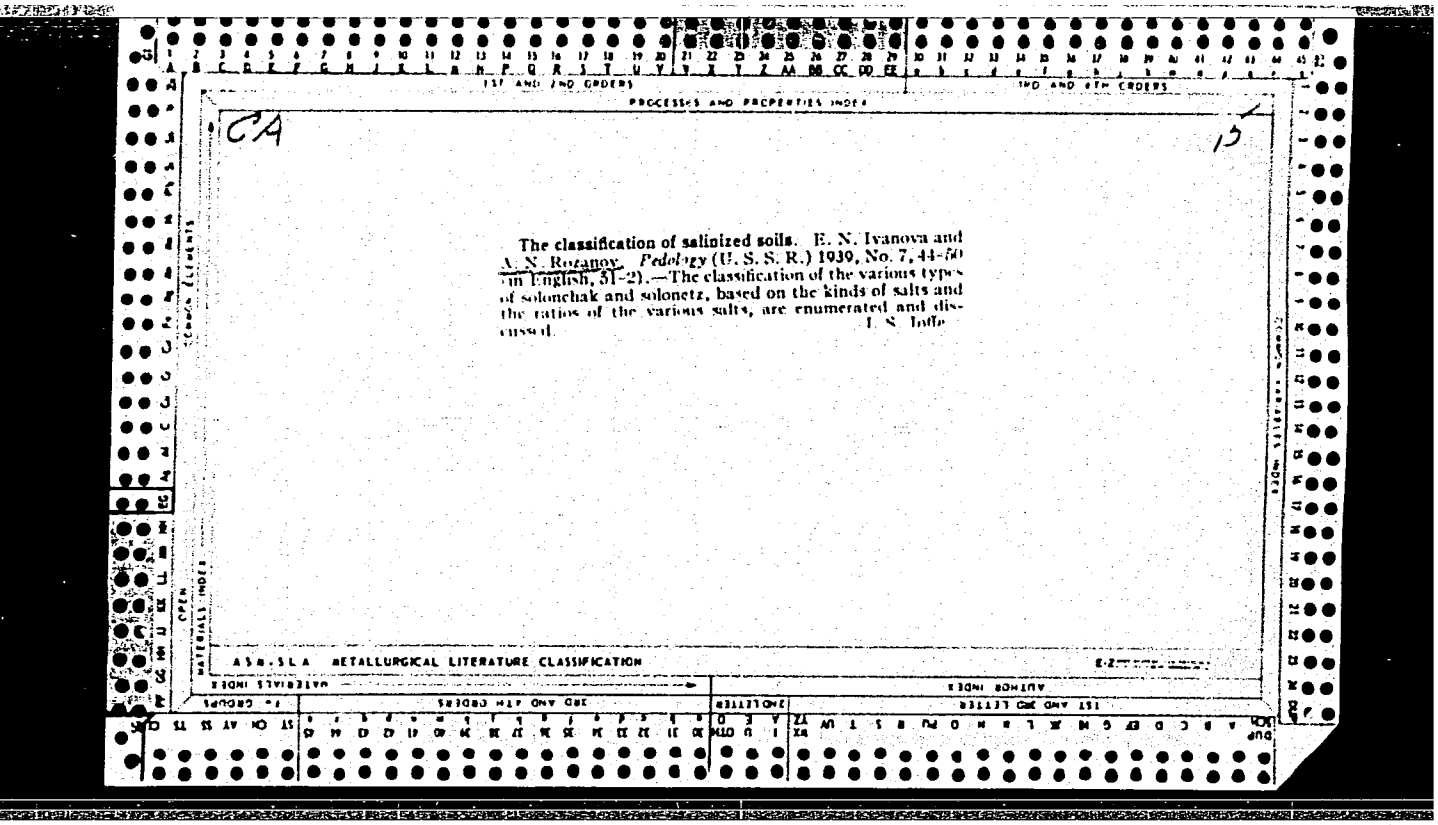


Buried peat-swampy soils at the foothills of Mogol-Tau (Tadzhikistan). S. A. Kudrin and A. N. Rozanov. *Pedology* (U. S. S. R.) 1939, No. 2, 65–9.—On the basis of the total analyses and water exts. of a buried profile the authors designate the soil as a peat-swamp. It is concluded that at the time of its formation the region had a climate with a higher pptn. than it has now. The accumulation of sulfate in the org. layer is of special interest.
J. S. Joffe

ASM SEA METALLURGICAL LITERATURE CLASSIFICATION

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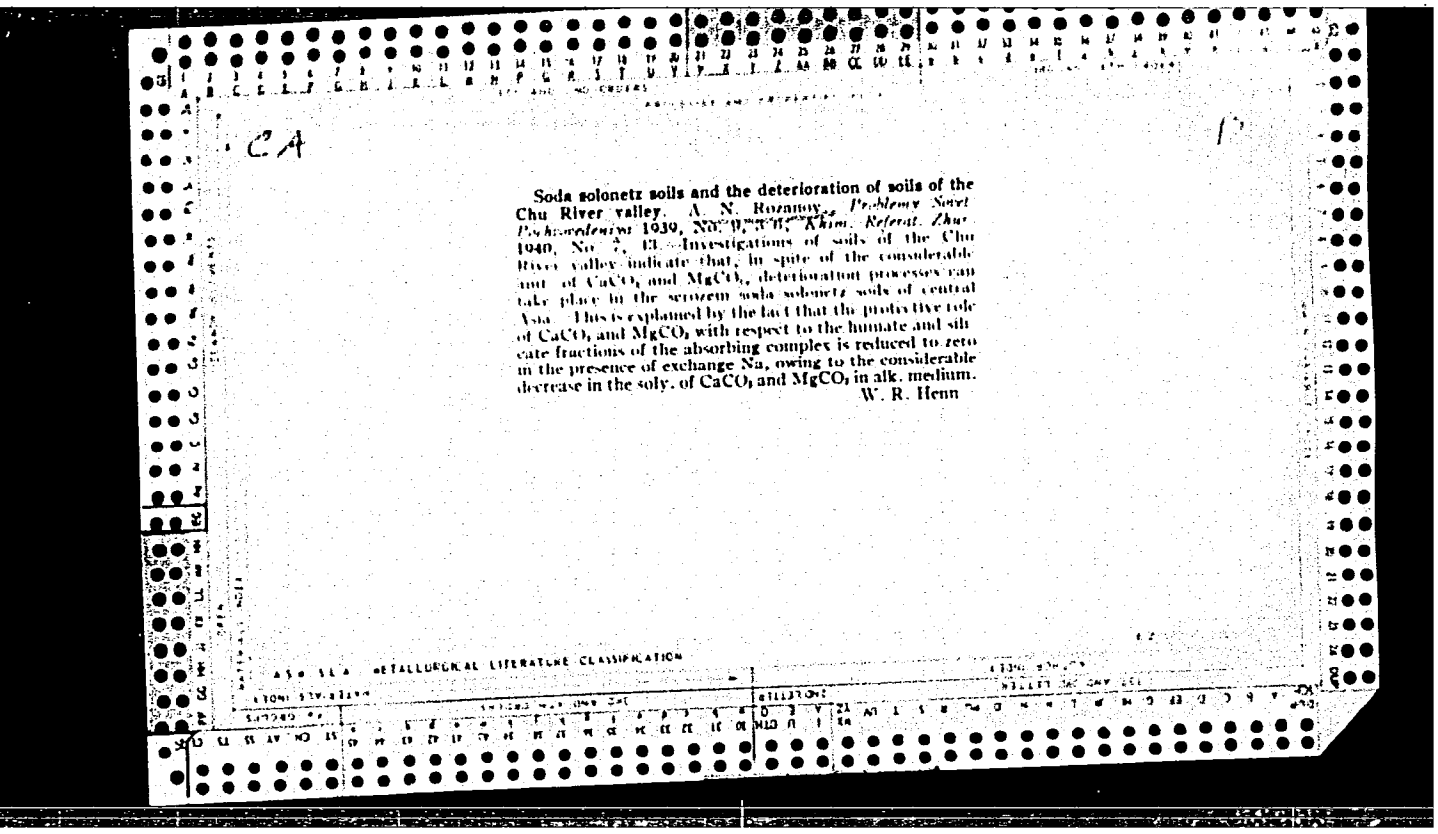
The classification of salinized soils. E. N. Ivanova and A. N. Rozanov. *Pedology* (U. S. S. R.) 1939, No. 7, 44–50 (in English, 51–2).—The classification of the various types of solonchak and solonetz, based on the kinds of salts and the ratios of the various salts, are enumerated and discussed.

I. S. Joffe

A 5 a. S L A METALLURGICAL LITERATURE CLASSIFICATION

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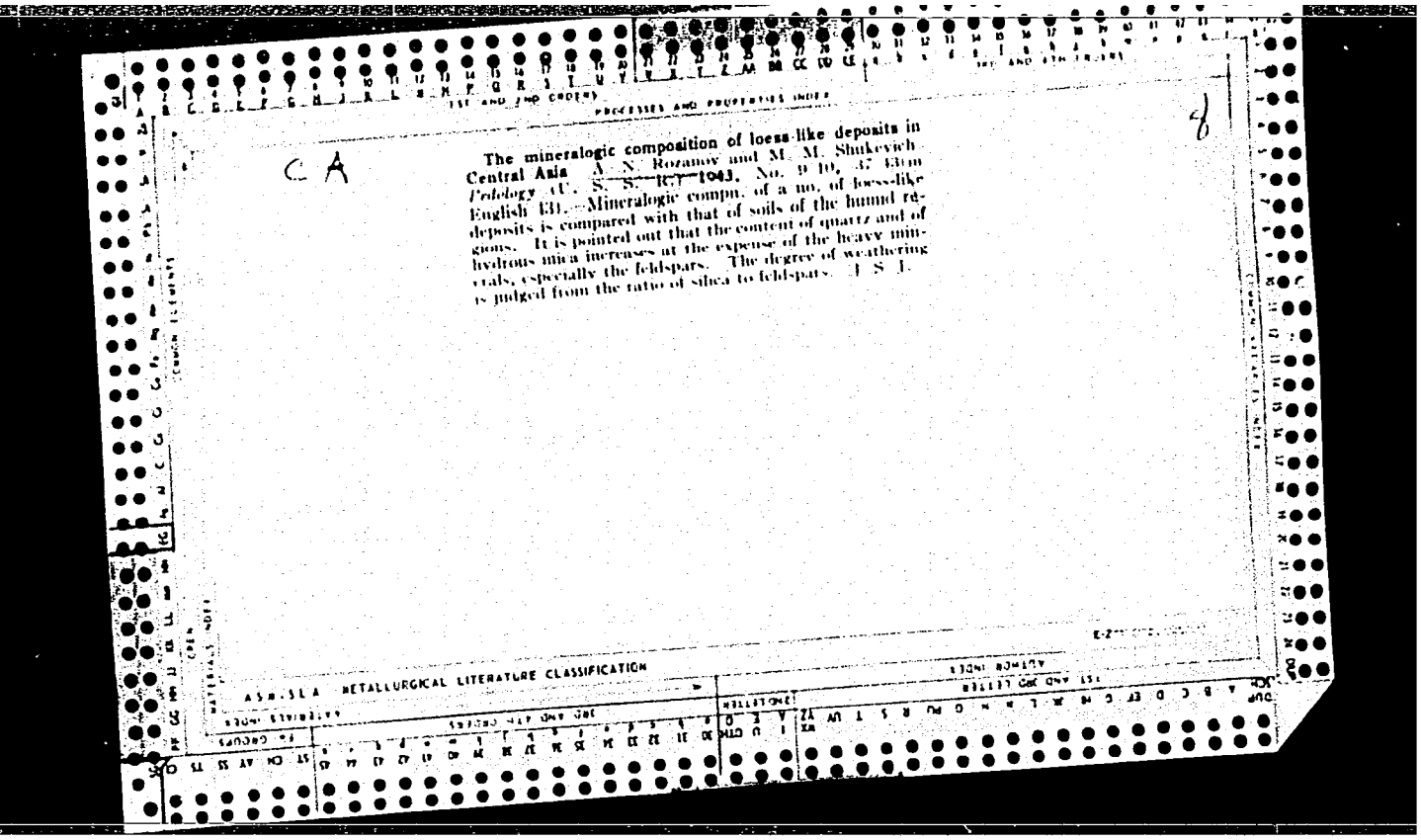
Soda solonetz soils and the deterioration of soils of the Chu River valley. A. N. Rozanov. *Problemy Sovet. Pochvovedeniya* 1939, No. 9, 3-11; *Khim. Referat. Zhur.* 1940, No. 3, 13.—Investigations of soils of the Chu River valley indicate that, in spite of the considerable amt. of $CaCO_3$ and $MgCO_3$, deterioration processes can take place in the serozem soda solonetz soils of central Asia. This is explained by the fact that the protective role of $CaCO_3$ and $MgCO_3$ with respect to the humate and silicate fractions of the absorbing complex is reduced to zero in the presence of exchange Na, owing to the considerable decrease in the soly. of $CaCO_3$ and $MgCO_3$ in alk. medium.

W. R. Henn

A S & S A METALLURGICAL LITERATURE CLASSIFICATION

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The mineralogic composition of loess-like deposits in Central Asia. A. N. Rozanov and M. M. Shukevich. *Pedology* (U. S. S. R.) 1943, No. 9-10, 37-63(in English 63).—Mineralogic compn. of a no. of loess-like deposits is compared with that of soils of the humid regions. It is pointed out that the content of quartz and of hydrous mica increases at the expense of the heavy minerals, especially the feldspars. The degree of weathering is judged from the ratio of silica to feldspars. J. S. J.

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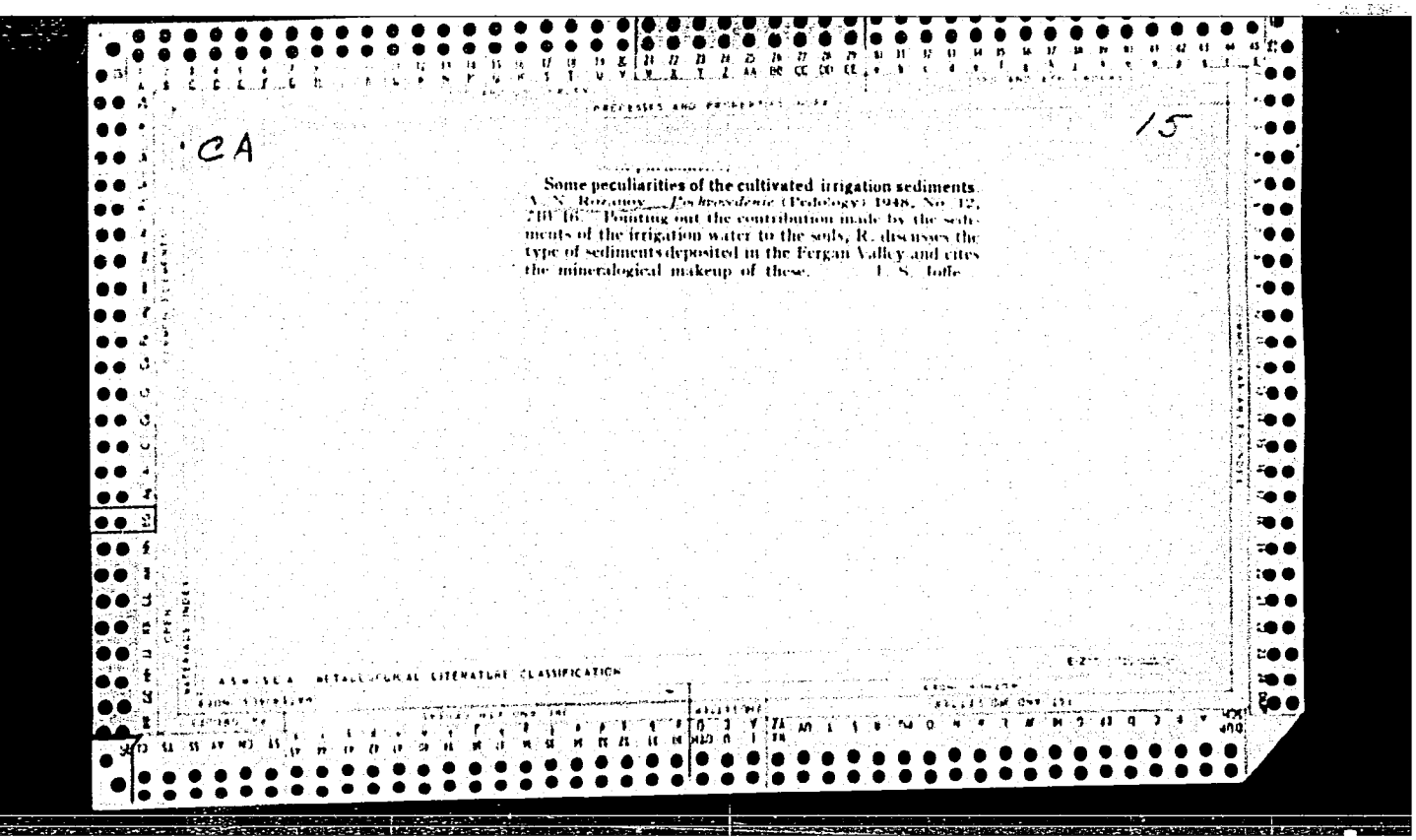
ROZANOV, Aleksandr Nikolaevich.

Soil conditions in the irrigated beet raising regions of Central Asia. Moskva, Izd-vo Akademii nauk SSSR, 1945. 74 p. (50-18312)

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CA

15

Some peculiarities of the cultivated irrigation sediments. A. N. Rozanov. *Pochvovedenie* (Pedology) 1948, No. 12, 710-16. Pointing out the contribution made by the sediments of the irrigation water to the soils, R. discusses the type of sediments deposited in the Fergan Valley and cites the mineralogical makeup of these. I. S. Jaffe

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ROZANOV, A.N.

Main characteristics and origin of the parent material of the north-western part of the Golodnaya Steppe. Trudy Pochv. inst. 29:27-42 '48. (MLRA 10:8)

(Golodnaya Steppe--Soil formation)

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ROZANOV, A. N.

Rozanov, A. N. "Soils of the Hungry Steppe", Trudy Pochv. in-ta, im. Dokuchayeva, Vol.XXIX, 1948, pp. 77-160, with map, - Bibliog: 29 items

SO: U-2888, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

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ROZANOV, A.N.; RASHEVESKAYA, I.M.

Studies on the chemical composition of light Sierozems and their various fractions. Trudy Pochv. inst. 29:161-178 '48.(MLRA 10:8)
(Golodnaya Steppe--Sierozem soils)

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ROZANOV, A.N.; LEBEDEV, Yu.P.

Effect of irrigation on the level and chemical composition of ground waters of the Golodnaya Steppe. Trudy Pochv. inst. 29: 283-323 '48. (MLRA 10:8)

(Golodnaya Steppe--Water, Underground)
(Golodnaya Steppe--Irrigation farming)

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ROZANOV, A.N.; PANKOV, M.A.

Secondary salinization of soils in the Golodnaya Steppe and dynamics of its expansion. Trudy Pochv. inst. 29:324-342 '48.
(Golodnaya Steppe--Alkali lands) (MLRA 10:8)

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